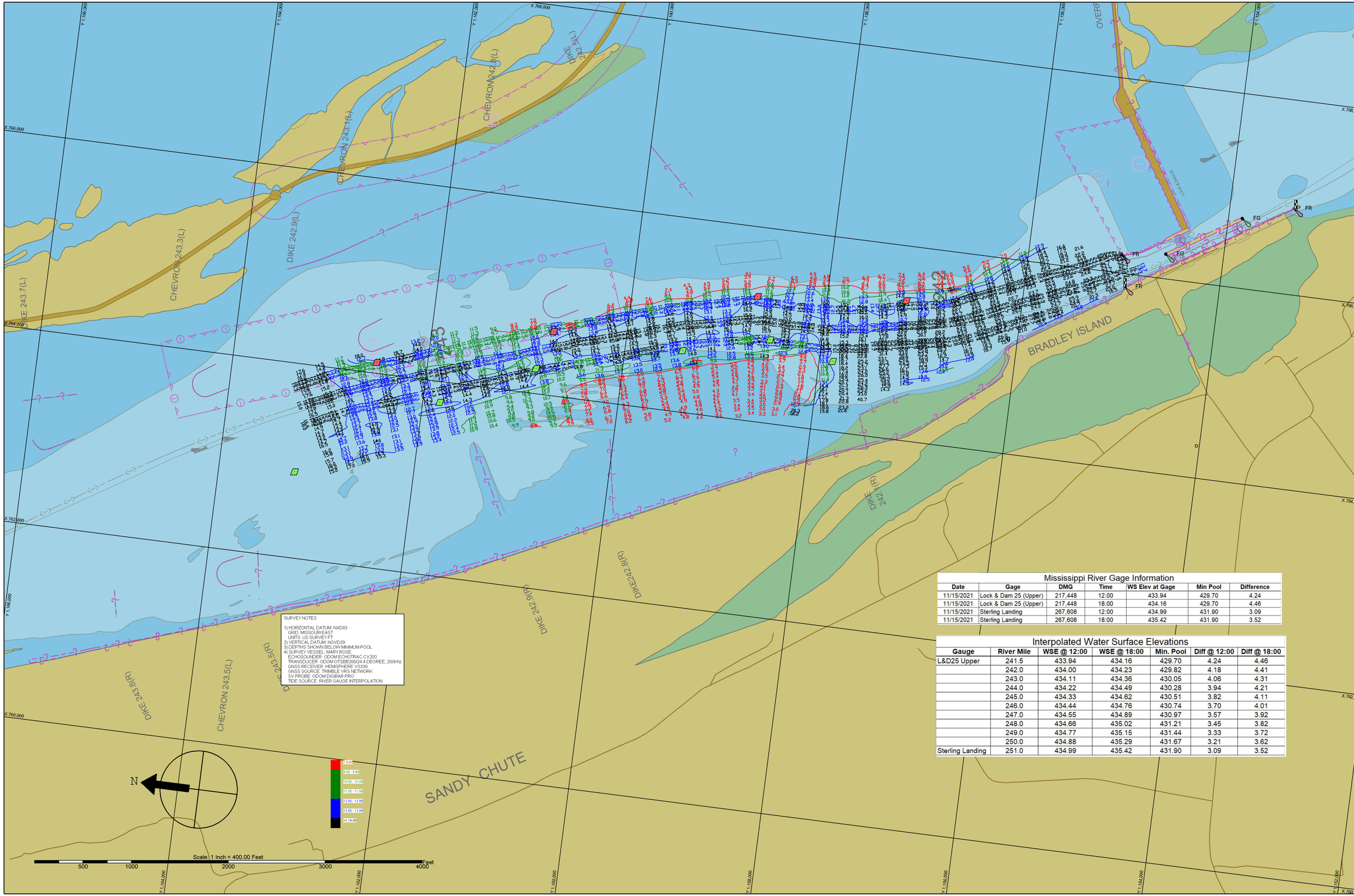

SURVEY NOTES:

1) HORIZONTAL DATUM: NAD83
GRID: MISSOURI EAST
UNITS: US SURVEY FT
2) VERTICAL DATUM: NGVD29
3) DEPTHS SHOWN BELOW MINIMUM POOL
4) SURVEY VESSEL: MARY ROSE
ECHOSOUNDER: ODOM ECHOTRAC CV200
TRANSDUCER: ODOM OTSB6200/24 4 DEGREE, 200Khz
GNSS RECEIVER: HEMISPHERE V533G
GNSS SOURCE: TRIMBLE VRS NETWORK
SV PROBE: ODOM DIGIBAR PRO
TIDE SOURCE: RIVER GAUGE INTERPOLATION

Mississippi River Gage Information

Date	Gage	DMG	Time	WS Elev at Gage	Min Pool	Difference
11/15/2021	Lock & Dam 25 (Upper)	217,448	12:00	433.94	429.70	4.24
11/15/2021	Lock & Dam 25 (Upper)	217,448	18:00	434.16	429.70	4.46
11/15/2021	Sterling Landing	267,608	12:00	434.99	431.90	3.09
11/15/2021	Sterling Landing	267,608	18:00	435.42	431.90	3.52

Interpolated Water Surface Elevations

Gauge	River Mile	WSE @ 12:00	WSE @ 18:00	Min. Pool	Diff @ 12:00	Diff @ 18:00
L&D25 Upper	241.5	433.94	434.16	429.70	4.24	4.46
	242.0	434.00	434.23	429.82	4.18	4.41
	243.0	434.11	434.36	430.05	4.06	4.31
	244.0	434.22	434.49	430.28	3.94	4.21
	245.0	434.33	434.62	430.51	3.82	4.11
	246.0	434.44	434.76	430.74	3.70	4.01
	247.0	434.55	434.89	430.97	3.57	3.92
	248.0	434.66	435.02	431.21	3.45	3.82
	249.0	434.77	435.15	431.44	3.33	3.72
	250.0	434.88	435.29	431.67	3.21	3.62
Sterling Landing	251.0	434.99	435.42	431.90	3.09	3.52

St. Louis District

DATES OF SURVEY:
NOVEMBER 15, 2021

FILE NO.: RM241.5-243.3_24-36
REQUEST NO.: ########

SCALE:
1" = 400'

FIELD BOOKS:

Approved: NAME
FIELD CARTOGRAPHER
Approved: NAME
CIVIL ENGINEERING TECHNICIAN
Approved: NAME
ASST. CHIEF OF SURVEY
Approved: NAME
CHIEF OF SURVEY
Date: NOVEMBER 15, 2021

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY:
SEAWORKS GROUP LLC
185 E MAIN ST STE. 414
BENTON HARBOR, MI 49022

UPPER MISSISSIPPI RIVER
BASIN
MISSISSIPPI RIVER

POST-DREDGE SURVEY
POOL 25, MILES 241.5 - 243.3

SHEET NO.
1 OF 1